

111TH CONGRESS  
2D SESSION

# S. 3874

To amend the Safe Drinking Water Act to reduce lead in drinking water.

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## IN THE SENATE OF THE UNITED STATES

SEPTEMBER 29, 2010

Mrs. BOXER (for herself, Mrs. FEINSTEIN, Ms. KLOBUCHAR, Mr. CARDIN, Mrs. GILLIBRAND, and Mr. SANDERS) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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## A BILL

To amend the Safe Drinking Water Act to reduce lead in drinking water.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

### 3   **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Reduction of Lead in  
5   Drinking Water Act”.

### 6   **SEC. 2. REDUCING LEAD IN DRINKING WATER.**

7       (a) IN GENERAL.—Section 1417 of the Safe Drink-  
8   ing Water Act (42 U.S.C. 300g–6) is amended—

9               (1) by adding at the end of subsection (a) the  
10      following:

“(4) EXEMPTIONS.—The prohibitions in paragraphs (1) and (3) shall not apply to—

“(A) pipes, pipe fittings, plumbing fittings, or fixtures, including backflow preventers, that are used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or

“(B) toilets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches in diameter or larger.”; and

(2) by amending subsection (d) to read as follows:

“(d) DEFINITION OF LEAD FREE.—

“(1) IN GENERAL.—For the purposes of this section, the term ‘lead free’ means—

“(A) not containing more than 0.2 percent lead when used with respect to solder and flux; and

“(B) not more than a weighted average of 0.25 percent lead when used with respect to the

1           wetted surfaces of pipes, pipe fittings, plumbing  
2           fittings, and fixtures.

3           “(2) CALCULATION.—The weighted average  
4           lead content of a pipe, pipe fitting, plumbing fitting,  
5           or fixture shall be calculated by using the following  
6           formula: For each wetted component, the percentage  
7           of lead in the component shall be multiplied by the  
8           ratio of the wetted surface area of that component  
9           to the total wetted surface area of the entire product  
10          to arrive at the weighted percentage of lead of the  
11          component. The weighted percentage of lead of each  
12          wetted component shall be added together, and the  
13          sum of these weighted percentages shall constitute  
14          the weighted average lead content of the product.  
15          The lead content of the material used to produce  
16          wetted components shall be used to determine com-  
17          pliance with paragraph (1)(B). For lead content of  
18          materials that are provided as a range, the max-  
19          imum content of the range shall be used.”.

20          (b) EFFECTIVE DATE.—The provisions of sub-  
21          sections (a)(4) and (d) of section 1417 of the Safe Drink-  
22          ing Water Act, as added by this section, apply beginning  
23          on the day that is 36 months after the date of the enact-  
24          ment of this Act.

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